Think GAIA
For Life and the Earth

SANYO

SANYO Piccadilly Circus, London, Since 1980

Next generation technology

Next generation technology

SANYO

Delivering 40 years of CCTV

It's our Japanese heritage and 40 years of experience in the CCTV industry that make the SANYO CCTV product range one of the most comprehensive, easy to use and install, and reliable in the industry. This coupled with our industry renowned technical back up and service support makes SANYO a popular choice for installers and end users alike.
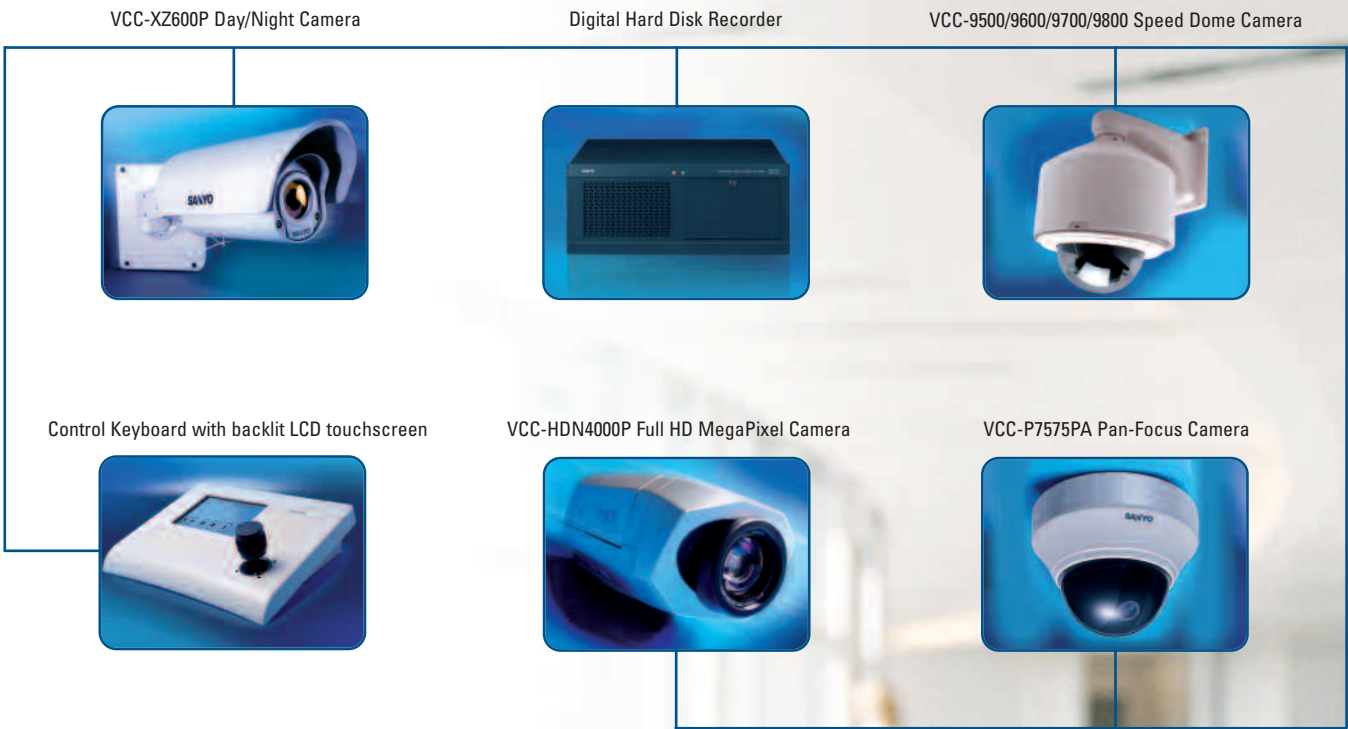
CELEBRATING · 40 YEARS OF SANYO CCTV · 40 Years

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![SANYO]

SANYO Solar Ark

VCC-XZ600P Day/Night Camera

Digital Hard Disk Recorder

VCC-9500/9600/9700/9800 Speed Dome Camera

Control Keyboard with backlit LCD touchscreen

VCC-HDN4000P Full HD MegaPixel Camera

VCC-P7575PA Pan-Focus Camera

Network	
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Day/Night Camera	
R/G/B Colour Camera	
30x 30 x Zoom Lens	
36x 36 x Zoom Lens	
WD Wide - Dynamic	
Vandal Resistant	
VAC 70 VAC 70 Compatible	
HD High Definition	

A product for every application

In 2008 we are pleased to be able to enhance our already extensive product line up with a new full HD (High Definition) camera, the VCC-HDN4000P. This camera uses all of our extensive experience in HD imagery to offer a level of picture quality not previously possible in CCTV cameras. Ground breaking products such as this camera, coupled with our comprehensive range of DVRs, award winning Pan Focus camera range and fully functional dome cameras with x 36 zoom, mean we are perfectly placed to ensure a successful year for all of our customers.

The HD Camera features include:

- Full HD (1920 x 1020/25p) H.264 Network camera
- 4 million pixel progressive scan CMOS image sensor for ultimate surveillance video quality
- Latest H.264 compression technology enable to stream very high resolution real time moving image to the network
- Simultaneous stream of H.264 and JPEG data and also high resolution HDMI video out
- Internal recording to SD/SDHC card or HDD via USB for alarm / network failure to safe guard data integrity
- HDMI output(1080i) for Full High Definition video monitoring
- Optical 10x zoom mega pixel lens for optimum image quality
- 16x digital zoom for further image enlargement without losing vital detail

NEW
HIGH - DEFINITION CAMERA
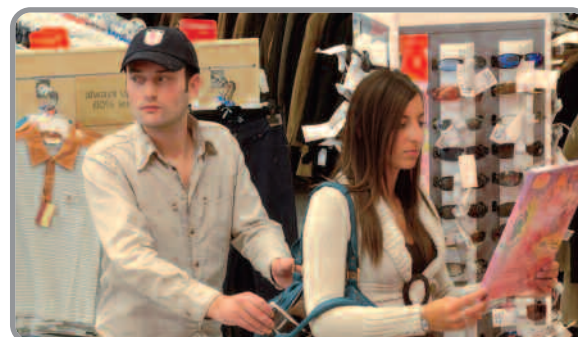
High Definition

Full HD (1920 x 1020/25p) H.264 Network camera

Our new high definition camera uses groundbreaking technology to offer improved picture quality, giving vast improvement in image sharpness. The dual streaming of H.264 and JPEG enable high definition recording, (internally or externally) and real time H.264 live monitoring at the same time. Images can be recorded onto SD/SDHC memory card and also to a external hard drive via USB.

These features allied with a 4 million mega pixel progressive scan sensor and 10 x built in optical zoom lens mean crystal clear images are available for a range of applications and situations where it was not previously possible. Ideal for banking, retail and all remote surveillance applications, the VCC-HDN4000P brings broadcast quality imaging to the CCTV industry.

A standard network camera image

A SANYO (HD) network camera image

VCC-HDN4000P HD DAY NIGHT
Full-High Definition network zoom camera

NETWORK

- H.264 / JPEG dual streaming and Video output
- Video out : COAX or HDMI output
- H.264 image data size : 1920x1080 25ips, 1280x720 25ips, 640x480 25ips, 320x240 25ips
- JPEG image data size : 2288x1712, 1920x1080, 1600x1200, 1280x720, 640x480, 320x240
- Bandwidth
  UDP : 10-12Mbps - TBC
  TCP : 5-6Mbps - TBC
- Independent streaming
  H.264 Frame rate max 25ips (1920 x 1020)
  JPEG Frame rate max 1ips (2288 x 1712)
- Simultaneous streaming
  H.264 Frame rate max 25ips (640 x 480)
  JPEG Frame rate max 25ips (640 x 480)
- Support SANYO Dynamic DNS for fixed host name
- Schedule transmission of image (FTP) / e-mail (SMTP)
- Alarm transmission of image (FTP) / e-mail (SMTP)
- Internal Alarm Buffer
- Max. 16 user access
- Power over Ethernet
- Internet Explorer access
- VA-SW3050LITE viewing software

CAMERA

- 1/2.5" CMOS 4Mega pixel
- 10x Optical Zoom & 16x digital Zoom
- IR sensitive with mechanical IR Cut filter release
- Minimum illumination 0.1lx (B/W, F1.8, Gain High) 2lx (colour) - TBC
- 3 mode Backlight Compensation
- Electronic Shutter
- Sensitivity Boost
- Optical Zoom upon Alarm in / Motion detection
- Alarm out upon Motion detection
- External Alarm terminal In (2) Out (1)
- 8 Zoom Preset position
- 2 Pre-defined camera view settings
- 4 Privacy masking
- Remote Zoom/Focus/Menu set-up by VAC-70
- Internal recording to SD/SDHC memory card or External HDD via USB
- DC12-15V/AC24V/PoE

OPTIONS

- Wide conversion lens
- External HDD caddy

NOTE : specification subject to change

HD NETWORK CAMERA

Full technical specification online at www.sanyosecurity.com

SANYO CCTV - Next Generation Technology

Network Cameras

SANYO's Day/Night Zoom Network Cameras are full of great features

SANYO network camera and network optional board with the latest H.264 compression technology provide the optimum surveillance applications with high quality real time moving image at low bandwidth.

Simultaneous stream of H.264 and JPEG data and also COAX video out to provide flexible solution for digital and analogue combined system.

A network camera is a system that allows the user to view the image captured by a camera on a network-connected PC. The camera is suitable for remote surveillance systems, distribution of live video, and other security systems and supports JPEG/H.264. Its ability to transmit stable video over a network makes it an ideal choice for remote surveillance. Images monitored over a network can be checked using a general-purpose web browser (Internet Explorer) or Network Monitoring Software VA-SW3050 series.

SANYO's Day/Night Network Cameras are full of great features

NEW

VCC-XZN600P DAY/NIGHT | 30x

Weatherproof Day/Night Zoom Network Camera

NETWORK

- H.264 / JPEG dual streaming and COAX Video output
- H.264 Frame rate max 25ips (720 x 576)
- JPEG Frame rate max 25ips (720 x 576)
- Support SANYO Dynamic DNS for fixed host name
- Schedule transmission of image (FTP) / e-mail (SMTP)
- Alarm transmission of image (FTP) / e-mail (SMTP)
- Internal Alarm Buffer
- Max. 16 user access
- Power over Ethernet
- Internet Explorer access
- VA-SW3050LITE viewing software

CAMERA

- IP66 weatherproof housing for easy external installation
- 1/4" CCD, 540Tvl Resolution
- 30x Optical Zoom & 16x digital Zoom
- IR sensitive with mechanical IR Cut filter release
- Minimum illumination 0.04lx (B/W, F1.4, Gain High) 0.8lx (colour)
- 3 mode Backlight Compensation
- 13 mode Electronic Shutter Speeds
- 32x Sensitivity Boost
- Image Stabilizer
- Optical Zoom upon Alarm in / Motion detection
- Alarm out upon Motion detection
- External Alarm terminal In (2) Out (1)
- 8 Zoom Preset position
- 2 Pre-defined camera view settings
- 4 Privacy masking
- Remote Zoom/Focus/Menu set-up by VAC-70
- DC12-15V/AC24V/PoE

OPTIONS

- DPTCH : Pole Mount Adapter
- DCWGH : Corner Mount Adapter
- VA-XZBX : Back box

NEW

VCC-ZMN600P DAY/NIGHT | 30x

Day/Night Zoom Network Camera

NETWORK

- H.264 / JPEG dual streaming and COAX Video output
- H.264 Frame rate max 25ips (720 x 576)
- JPEG Frame rate max 25ips (720 x 576)
- Support SANYO Dynamic DNS for fixed host name
- Schedule transmission of image (FTP) / e-mail (SMTP)
- Alarm transmission of image (FTP) / e-mail (SMTP)
- Internal Alarm Buffer
- Max. 16 user access
- Power over Ethernet
- Internet Explorer access
- VA-SW3050LITE viewing software

CAMERA

- 1/4" CCD, 540Tvl Resolution
- 30x Optical Zoom & 16x digital Zoom
- IR sensitive with mechanical IR Cut filter release
- Minimum illumination 0.04lx (B/W, F1.4, Gain High) 0.8lx (colour)
- 3 mode Backlight Compensation
- 13 mode Electronic Shutter Speeds
- 32x Sensitivity Boost
- Image Stabilizer
- Optical Zoom upon Alarm in / Motion detection
- Alarm out upon Motion detection
- External Alarm terminal In (2) Out (1)
- 8 Zoom Preset position
- 2 Pre-defined camera view settings
- 4 Privacy masking
- Remote Zoom/Focus/Menu set-up by VAC-70
- DC12-15V/AC24V/PoE

■ Transmission using 2 types of codecs

For video compression, H.264, optimized for transmission of moving images over a network with low bit transfer rates, is used to enable real-time high image-quality monitoring, and for still images JPEG is used to offer high image-quality in a common image format. Monitoring can be performed according to the user's application, so that any important scene is not missed.

■ Use of a PC for Monitoring

By simply using a standard web browser, like Internet Explorer, on a personal computer, the user has access to the full color video image from the camera. The 30x optical zoom function of the 600 series makes it possible to obtain a clear picture, even in the zoom-in mode. Recording the JPEG image on a PC is also possible by the use of VASW3050S (for server) software.

■ Power-over-Ethernet (PoE)

Both VCC-ZMN600P and VCC-XZN600P support the IEEE 802.3af standard for Power-over-Ethernet (PoE) application to allow power to be supplied over LAN cabling. In addition to making installation easier, this allows camera installation in places where it would otherwise be difficult to secure a power source.

■ E-mail Function

A setting for automatic sending of mail (up to 5 addresses can be set) is provided. By using this setting, an alarm notification e-mail can be set when an alarm is detected. Or, e-mails can be sent at regular intervals. In either case, an image can be attached to the e-mail.

■ Schedule Setting

Timer sending or alarm notification can be performed during a specified time period. The following 5 functions are provided: TIMER (SMTP) for timer sending of e-mail, TIMER (FTP) for timer sending of images via FTP mode, ALARM (SMTP) for e-mail notification of an alarm, ALARM (FTP) for sending of alarm images via FTP mode, and REMOTE ALARM "ACTIVE" for enabling camera alarm output 2 by remote operation.

■ Audio Communication & Remote Operating

Selected products support bi-directional audio communication and remote operation using alarm output terminal.

VA-80LAN / VA-82LAN

Network option board for

PTZ High Speed Dome Cameras

- H.264 / JPEG dual streaming and COAX Video output (VA-82LAN)
- JPEG streaming and COAX Video output (VA-80LAN)
- H.264 Frame rate max 25ips (720 x 576) (VA-82LAN)
- JPEG Frame rate max 25ips (720 x 576) (VA-82LAN)
- JPEG Frame rate max 25ips (720 x 286) (VA-80LAN)
- Bi-directional Audio
- Support SANYO Dynamic DNS for fixed host name (VA-82LAN)
- Schedule transmission of image (FTP) / e-mail (SMTP)
- Alarm transmission of image (FTP) / e-mail (SMTP)
- Scheduled Auto-mode (SEQ/APN/TOUR/PRESET/AUX)
- Internal Alarm Buffer
- Max. 16 user access
- Internet Explorer access
- VA-SW3050LITE viewing software

OPTIONS
Please refer VCC-9500/9600/9700/9800 series specifications

PAN-FOCUS Network Cameras

VA-50LAN / VA-51LAN

Network option board for Pan-Focus Cameras

NETWORK
- JPEG streaming and COAX Video output
- JPEG Frame rate max 25ips (720 x 286)
- Bi-directional Audio (VA-51LAN)
- Internal Alarm Buffer
- Max. 16 user access
- Power over Ethernet (VA-51LAN)
- Internet Explorer access
- VA-SW3050LITE viewing software

CAMERA Please refer VCC-P7575PA, VDC-DP7585P specifications

VA-20LAN

Network option board for Pan-Focus Weatherproof Camera

NETWORK
- JPEG streaming and COAX Video output
- JPEG Frame rate max 25ips (720 x 286)
- Internal Alarm Buffer
- Max. 16 user access
- Internet Explorer access
- VA-SW3050LITE viewing software

CAMERA Please refer VCC-XZ200P specifications

VCC-PN9575P R/G/B VAC 70

Pan-Focus PTZ Mini Dome Network Camera

NETWORK
- JPEG streaming and COAX Video output
- JPEG Frame rate max 25ips (720 x 286)
- Bi-directional Audio with Built-in Microphone
- Internal Alarm Buffer
- Max. 16 user access
- Power over Ethernet
- Internet Explorer access
- VA-SW3050LITE viewing software

CAMERA
- 1/4" CCD, 520Tvl Resolution
- 2.6x motorised Zoom Pan-Focus Lens
- Minimum illumination 1.9lx (Colour, F1.9, Gain High)
- 2 mode Backlight Compensation
- 8 mode Electronic Shutter Speeds
- 16 Preset position
- 8 Privacy masking
- Auto mode (Sequential Pan / Auto Pan)
- Auto return (preset / auto mode)
- Optical Zoom upon motion detection
- Preset move upon alarm in
- External Alarm terminal In (2) Out (1)
- Remote Zoom/Focus/Menu set-up by VAC-70
- DC12-15V/AC24V/PoE

OPTIONS
- VCZ-50 : Smoked cover
- VA-DK02 : Flash mount bracket

VDC-DPN9585P DAY NIGHT VAC 70

Pan-Focus PTZ External Day/Night Dome Network Camera

NETWORK
- JPEG streaming and COAX Video output
- JPEG Frame rate max 25ips (720 x 286)
- Bi-directional Audio
- Internal Alarm Buffer
- Max. 16 user access
- Power over Ethernet
- Internet Explorer access
- VA-SW3050LITE viewing software

CAMERA
- 1/4" CCD, 520Tvl Resolution
- 2.6x motorised Zoom Pan-Focus Lens
- IR sensitive with mechanical IR Cut filter release
- IP66 rated • Vandal resistant
- Minimum illumination 0.06lx (B/W, F1.9, Gain High) 1.2lx (colour)
- 2 mode Backlight Compensation
- 8 mode Electronic Shutter Speeds
- 16 Preset position • 8 Privacy masking
- Auto mode (Sequential Pan / Auto Pan)
- Auto return (preset / auto mode)
- Optical Zoom upon motion detection
- Preset move upon alarm in
- External Alarm terminal In (2) Out (1)
- Remote Zoom/Focus/Menu set-up by VAC-70
- DC12-15V/AC24V/PoE

OPTIONS
- VA-50H : Heater board (AC24V use only)
- VA-DK02 : Flash mount bracket

IP66 WEATHER RESISTANT

Network Recording

DSR-HB8000

Hybrid DVR

- 16ch DVR/NVR can record up to 8 SANYO network cameras (JPEG Video)
- Network PTZ camera control
- Monitor plus function to operate another 4units DSR-HB8000
- Support NAS (Network Attached Storage)
- Max. 20 network user access
- Network Utility software
- Internet Explorer access

OPTION
- Central Management Software
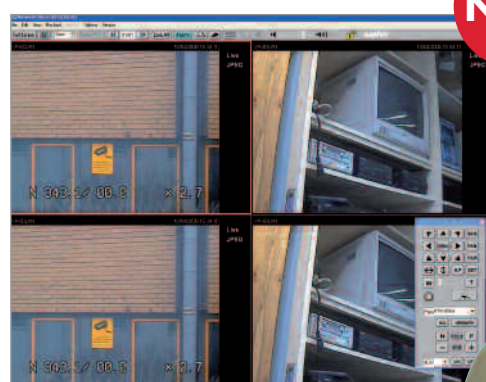
VA-SW3050S / VA-SW3050C

Network Recording Software

- Record and monitoring up to 128 SANYO network cameras (JPEG Video & Audio) (Maximum 16 cameras recording per PC recommended)
- Network PTZ camera control
- Time/Date search
- 16 / 4 / 1 Screen display
- Timer /Alarm recording
- Max 10 Client per Server (each Client PC requires VA-SW3050C)
- Client access to Server (Playback) using Windows Share folder facility
- Client access to Server (Playback) over Router using VPN

SANYO

■ Model Selector

Select the perfect camera for your application by entering the options listed in the diagram below.

Camera type

36x, Day/night	8	
36x, Color	7	
30x, Day/night	6	
30x, Color	5	

Housing type

I **N**	Surface cover
E **M**	In-ceiling (closed)
E **X**	Outdoor housing

VCC-9 ☐ **0 0** ☐ ☐ ☐ **P** PAL

AC24V

P	Dome cover
C	Clear cover
S	Smoked cover
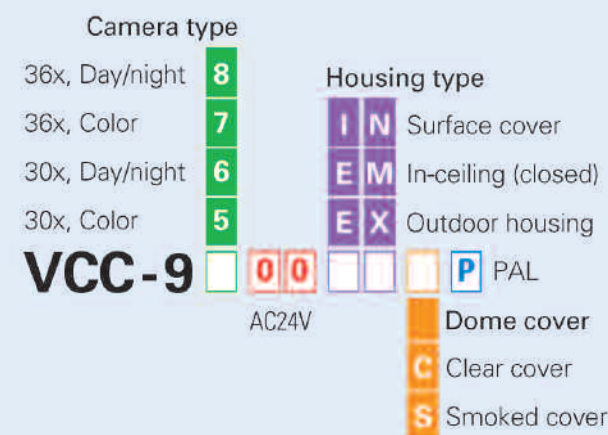
■ Optional Accessories

VA-80BP
Indoor Pendant
Mounting Bracket
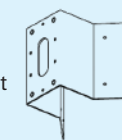
VA-80AC
Corner Mount Bracket
for VA-80BW

VA-80BW
Wall Mount Bracket

VA-80AP
Pole Mount Bracket
for VA-80BW

VA-80A
Indoor Dome
Back Cover

VA-80AB
Swan Neck Bracket
Adapter

NETWORK OPTION
VA-80 LAN Jpeg
VA-82 LAN Jpeg/H.264

30x & 36x Optical Zoom High-Speed Dome Cameras

The camera makes it possible to capture the image of exact point
of surveillance with high speed panning of 435º/sec. between pre-set
positions. This accurate mechanism is capable of capturing quickly
moving objects and objects approaching the camera when it is zoomed in.

VCC-9500P `30x` `R/G/B` `OPTION`

x30 Colour PTZ High Speed Dome Camera

- 540 TV lines
- ¼" colour CCD
- 30x optical zoom
- 16x digital zoom
- Lens f=3.5-105 mm, F1.4 – 3.7, 30x optical zoom
- Minimum illumination 0.8 lx (F1.4, 50IRE, Gain: high)
- Panning speed 435°/sec (1-120°/sec at manual)
- 128 preset position
- 8 alarm inputs/2 alarm outputs
- Motion detection
- Digital auto flip
- Backlight compensation
- Extended privacy masking (24x)
- Network (optional)
- 24V AC operation

VCC-9600P `30x` `DAY/NIGHT` `OPTION`

x30 Day/Night PTZ High Speed Dome Camera

- 540 TV lines
- ¼" colour CCD
- x30 optical zoom
- x16 digital zoom
- Lens f=3.5-105 mm, F1.4 – 3.7,
- Day/Night function
- Minimum illumination 0.04 lx (F1.4, 50IRE, B/W mode)
- Panning speed 435°/sec. (1-120°/sec at manual)
- 128 preset position
- 8 alarm inputs/2 alarm outputs
- Motion detection
- Digital auto flip
- Backlight compensation
- Extended privacy masking (24x)
- Network (optional)
- 24V AC operation

VCC-9700P `36x` `R/G/B` `OPTION`

x36 Colour PTZ High Speed Dome Camera

- 540 TV lines
- ¼" colour CCD
- x36 optical zoom
- x16 digital zoom
- Lens f=3.4-122.4 mm, F1.6 – 4.5
- Minimum illumination 1.0 lx (F1.6, 50IRE, Gain: high)
- Panning speed 435°/sec (1-120°/sec at manual)
- 256 preset position
- 8 alarm inputs/2 alarm outputs
- Image Stabilizer
- Motion detection
- Digital auto flip
- Backlight compensation
- Automatic pursuit
- Extended privacy masking (24x)
- Network (optional)
- 24V AC operation

VCC-9800P `36x` `DAY/NIGHT` `OPTION`

x36 Day/night PTZ High Speed Dome Camera

- 540 TV lines
- ¼" colour CCD
- x36 optical zoom
- x16 digital zoom
- Lens f=3.4-122.4 mm, F1.6 – 4.5, 36x optical zoom
- Day/Night Function
- Minimum illumination 0.05 lx (F1.6, 50IRE, B/W mode)
- Panning speed 435°/sec. (1-120°/sec at manual)
- 256 preset position
- 8 alarm inputs/2 alarm outputs
- Image Stabilizer
- Motion detection
- Digital auto flip
- Backlight compensation
- Automatic pursuit
- Extended privacy masking (24x)
- Network (optional)
- 24V AC operation

Full technical specification online at www.sanyosecurity.com

PAN-F⊙CUS

The vandal-resistant dome camera that makes installation easy and features a Pan-Focus lens for a picture that's always in focus

Realises a high-definition picture and a reduction of resources spent on installation and management with a Pan-Focus lens that brings all points on screen into focus while maintaining a horizontal resolution of more than 520 TV lines. Mountable on ceilings and walls and enclosed in a rugged, weatherproof housing (IP66 rating) that provides protection against the elements for outdoor use and allows it to withstand attempts by intruders to disable it.

More than this, it analyses changes in the area under surveillance and senses moving objects in the field of view via a motion detector; allows surveillance on a 24/7 basis under conditions of both day and night; and enables the development of more robust surveillance systems.

Pan-Focus Range

When using a varifocal lens, objects in front and behind the main focus point appear blurred. This has led to the development of deep-focus techniques allowing simultaneous focusing on all objects in the field of view. Early research and development by SANYO has resulted in the successful product development of a x2.6 pan-focus lens offering a picture with a greater depth of field.

Now clearer pictures, even of distant objects, can be achieved with cameras for surveillance applications.

Pan-Focus Lens Image

- Clear focusing on shooting area with great depth of field.
- No focus adjustments.
- Remote zoom adjustment possible with VAC-70 camera control unit and VA-50ST board option.

Varifocal Lens Image

- Clear focusing on a specific area
- Manual focus adjustments
- Manual zoom adjustments

SANYO

Exceptionally tough vandal resistant covers

■ Rugged Construction

SANYO's Pan-Focus Dome Cameras are housed in an exceptionally tough die-cast aluminium enclosure and a polycarbonate dome for extra durability under the most demanding of conditions. To protect against tampering, the fixing screws of the enclosure cover have a unique shape that prevents it from being opened with ordinary tools.

■ IP66 Rated Weatherproof Design

The camera's protective enclosure safely meets the IP66 standard for resistance against water and dust.

■ Optional Accessories

• VA-DK02 Flash-mount bracket

• VCZ-50 Smoked Cover (For Internal Dome)

IP66 WEATHER RESISTANT

PAN-FOCUS Colour Dome Cameras - Internal Use

OPTION
R/G/B
VAC 70

VCC-P7575PA

Pan-Focus Colour Dome Camera

• ¼" Interline Transfer Method CCD
• 520 TV Lines of Horizontal Resolution
• 2.6x Motorised Zoom Pan Focus Lens
• Minimum Illumination 1.9 Lux (F1.9 High Gain)
• Motion Detection
• Privacy Masking
• Remote Zoom/Focus/Menu Set-up via Coax
• Easy Installation, Adjustment and Set-up
• 24 V AC / 12V to 15V DC

OPTIONS
• VA-50ST – Twisted Pair, NVT, SSP
• VA-50LAN Network option board (Motion JPEG)
• VA-51LAN Network option board (PoE, Audio)
• VCZ-50 Smoked Cover
• VA-DK02 Flash Mount Bracket

R/G/B
VAC 70

VCC-P9575P

Pan-Focus PTZ Dome Camera

• ¼" Interline Transfer Method CCD
• 520 TV Lines of Horizontal Resolution
• PTZ Operation via coax and RS485
• 2.6x Motorised Zoom Pan-Focus Lens
• Minimum Illumination 1.9 Lux (F1.9 High Gain)
• 16 Preset Position Settings
• Motion Detection
• Privacy Masking
• Easy Installation, Adjustment and Set-up
• 12-15V DC / 24V AC

OPTIONS
• VA-DK02 Flash Mount bracket
• VCZ-50 Smoked Cover

R/G/B
VAC 70

VCC-PN9575P

Pan-Focus PTZ Network Dome Camera

• ¼" Interline Transfer Method CCD
• 520 TV Lines of Horizontal Resolution
• 2.6x Motorised Zoom Pan-Focus Lens
• Minimum Illumination 1.9 Lux (F1.9 High Gain)
• 16 Preset Position Settings
• Motion Detection
• Privacy Masking
• VA-51LAN Built in LAN board (JPEG/Audio/PoE)
• VA-SW.3050Lite software
• Easy Installation, Adjustment and Set-up
• 12-15V DC / 24V AC

OPTIONS
• VA-DK02 Flash Mount bracket
• VCZ-50 Smoked Cover

PAN-FOCUS Dome Cameras - Vandal Resistant

DAY/NIGHT
VAC 70

VDC-DP7585P

Pan-Focus Day/Night Vandal Resistant Dome Camera

• ¼" Interline Transfer Method CCD
• 520 TV Lines of Horizontal Resolution
• IP66 Rated
• Vandal Resistant Mini Dome
• 2.6x Motorised Zoom Pan-Focus Lens
• Minimum Illumination 1.2Lux (F1.9 Colour) 0.06Lux (F1.9 B/W)
• Motion Detection
• Privacy Masking
• Remote Zoom/Focus/Menu Set-up via Coax
• Easy Installation, Adjustment and Set-up
• 12-15V DC / 24V AC

OPTIONS
• VA-50ST – Twisted Pair, SSP, NVT
• VA-50LAN Network Option Board (Motion JPEG)
• VA-51LAN Network Option Board (PoE, Audio)
• VA-DK02 Flash Mount Bracket
• VA-50H – Heater for Pan-Focus range

IP66 WEATHER RESISTANT

DAY/NIGHT
VAC 70

VDC-DP9585P

Pan-Focus Day/Night PTZ Vandal Resistant Dome Camera

• ¼" Interline Transfer Method CCD
• 520 TV Lines of Horizontal Resolution
• PTZ Operation via Coax and RS485
• IP66 Rated
• Vandal Resistant
• 2.6x Motorised Zoom Pan-Focus Lens
• Minimum Illumination 1.2Lux (F1.9 Colour) 0.06Lux (F1.9 B/W)
• Motion Detection
• Privacy Masking
• Easy Installation, Adjustment and Set-up
• 12-15V DC / 24V AC

OPTIONS
• VA-50H – Heater for Pan-Focus Range
• VA-DK02 Flash Mount Bracket

IP66 WEATHER RESISTANT

DAY/NIGHT
VAC 70

VDC-DPN9585P

Pan-Focus Day/Night PTZ Vandal Resistant Network Dome

• ¼" Interline Transfer Method CCD
• 520 TV Lines of Horizontal Resolution
• IP66 Rated
• Vandal Resistant Mini Dome
• 2.6x Motorised Zoom Pan-Focus Lens
• Minimum Illumination 1.2Lux (F1.9 Colour) 0.06Lux (F1.9 B/W)
• Motion Detection
• Privacy Masking
• VA-51LAN Built in LAN board (JPEG/Audio/PoE)
• VA-SW.3050Lite software
• Easy Installation, Adjustment and Set-up
• 12-15V DC / 24V AC

OPTIONS
• VA-50H – Heater for Pan-Focus Range
• VA-DK02 Flash Mount Bracket

IP66 WEATHER RESISTANT

Full technical specification online at www.sanyosecurity.com

SANYO CCTV - Next Generation Technology

PAN-FOCUS Weatherproof Camera

IP66 WEATHER RESISTANT

VCC-XZ200P `VAC 70` `DAY/NIGHT` `OPTION`

Pan-Focus Day/Night Weatherproof Zoom Camera

CAMERA
- 1/4" Interline Transfer Method CCD
- IP66 Rated
- External Housing
- 520 TV Lines of Horizontal Resolution
- Minimum Illumination 1.2 Lux (F1.9, Colour Mode)
  0.06 Lux (F1.9, B/W Mode)
- 2.6 X Motorised Zoom Pan-Focus Lens

- Motion Detection
- Privacy Masking
- Remote Zoom / Focus / Menu Set-Up Via Coax
  (with Optional VAC-70)
- 24 V AC / 12V To 15V DC
- Easy Installation, Adjustment and Set-Up

OPTIONS
- VA-20ST – Twisted Pair, NVT, SSP
- VA-20LAN – Network Option Board (Motion JPEG)
- VA-50H – Heater for Pan-Focus Range
- DPTCH – Pole Mount Adapter
- DCWGH – Corner Mount Adapter
- VA-XZBX – Back box

Accessories for Pan-Focus Cameras

- **VA-50LAN** - Jpeg Expansion board for network connection
  for VDC-DP7585P and VCC-P7575PA.
  Enables a camera to connect to a network. The user can
  operate a network connected camera using a web browser
  (Internet Explorer).

- **VA-51LAN** – Jpeg Expansion board for network connection
  for Pan-Focus Camera, including PoE (Power over Ethernet)
  and bi-directional audio.

- **VA-50ST** – SSP + Twisted pair board for VDC-DP7585P and
  VCC-P7575PA. Enables the control via RS-485 (SSP/PELCO-D)
  and coaxial cable (SSP/H-SSP/PELCO-C), Twisted pair Terminal
  (CAT5) for Video signal (NVT built-in UTP video)

- **VA-20LAN** - Jpeg Network board for Pan-Focus VCC-XZ200P
  Enables the cameras to connect to a network. The user
  can operate a network connected cameras using a web
  browser (Internet Explorer).

- **VA-20ST** – SSP + Twisted pair board for VCC-XZ200P
  Enables the control via RS-485 (SSP/PELCO-D) and coaxial cable
  (SSP/H-SSP/PELCO-C) , Twisted pair Terminal (CAT5) for Video
  signal (NVT built-in UTP video)

- **VA-50H** - Heater board for Pan-Focus VCC-XZ200P,
  VDC-DP7585P, VDC-DPN9585P and VDC-DP9585P
  The heater board protects the camera from cold weather.
  It allows the camera to operate at temperatures of -30°C to +50°C
  and with humidity within 90%. (For VDC-DP9585P, AC24V use only)

- VA-50BW - Wall mounting bracket (indoor use)
- VA-50BPL - Ceiling suspension bracket (long)
- VA-50BPS - Ceiling suspension bracket (short)
- VA-50AL - VA-50BW attachment (Vandal Resistant Pan-Focus Dome)
- VA-50AS - VA-50BW attachment (Internal Pan Focus Dome)
- VCZ-50 - Smoked cover for Pan-Focus Camera
- VA-DK02 - Flash Mount Bracket for:
  Pan-Focus Domes (Internal & Vandal Resistant)
  Vandal Resistant Domes
  VCC-9685VP

SANYO

30x Zoom Cameras

VCC-XZ600P `DAY/NIGHT` `VAC 70` `30x` **NEW**

Weatherproof Day/Night Zoom Camera

- IP66 weatherproof housing for easy external installation
- 1/4" CCD, 540Tvl Resolution
- 30x Optical Zoom & 16x digital Zoom
- IR sensitive with mechanical IR Cut filter release
- Minimum illumination 0.04lx
  (B/W, F1.4, Gain High) 0.8lx (colour)
- 3 mode Backlight Compensation
- 13 mode Electronic Shutter Speeds
- 32x Sensitivity Boost
- Image Stabilizer
- Optical Zoom upon Alarm in / Motion detection
- Alarm out upon Motion detection
- External Alarm terminal In (2) Out (1)
- 8 Zoom Preset position
- 2 Pre-defined camera view settings
- 4 Privacy masking
- Remote Zoom/Focus/Menu set-up by RS485 & COAX
  (Pelco-D, Pelco-C, SANYO RS485, SANYO COAX, VAC-70)
- Twisted pair video (NVT)
- DC12-15V/AC24V

OPTIONS
- DPTCH : Pole Mount Adapter
- DCWGH : Corner Mount Adapter
- VA-XZBX : Back box

NEW **VCC-ZM600P** `DAY/NIGHT` `VAC 70` `30x`

Day/Night Zoom Camera

- 1/4" CCD, 540Tvl Resolution
- 30x Optical Zoom & 16x digital Zoom
- IR sensitive with mechanical IR Cut filter release
- Minimum illumination 0.04lx (B/W, F1.4, Gain High) 0.8lx (colour)
- 3 mode Backlight Compensation
- 13 mode Electronic Shutter Speeds
- 32x Sensitivity Boost
- Image Stabilizer
- Optical Zoom upon Alarm in / Motion detection
- Alarm out upon Motion detection
- External Alarm terminal In (2) Out (1)
- 8 Zoom Preset position
- 2 Pre-defined camera view settings
- 4 Privacy masking
- Remote Zoom/Focus/Menu set-up by RS485 & COAX (Pelco-D, Pelco-C, SANYO RS485, SANYO COAX, VAC-70)
- Twisted pair video (NVT)
- DC12-15V/AC24V

NEW

VCC-ZM500P `R/G/B` `VAC 70` `30x`

Colour Zoom Camera

- 1/4" CCD, 540Tvl Resolution
- 30x Optical Zoom & 16x digital Zoom
- Minimum illumination 0.8lx (Max AGC)
- 3 mode Backlight Compensation
- 13 mode Electronic Shutter Speeds
- 32x Sensitivity Boost
- Optical Zoom upon Alarm in / Motion detection
- Alarm out upon Motion detection
- External Alarm terminal In (2) Out (1)
- 8 Zoom Preset position
- 2 Pre-defined camera view settings
- 4 Privacy masking
- Remote Zoom/Focus/Menu set-up by RS485 & COAX (Pelco-D, Pelco-C, SANYO RS485, SANYO COAX, VAC-70)
- DC12-15V/AC24V

■ Colour & Day/Night Cameras

SANYO's range of Colour and Day/Night cameras are perfect for a host of different applications

VCC-6585P/6580P R/G/B

High-resolution Colour Camera

- 1/3" CCD, 540Tvl Resolution
- Minimum illumination 0.5lx (F1.2, Gain High)
- 2 mode Backlight Compensation
- 8 mode Electronic Shutter Speeds (VCC-6580P only)
- Electronic iris
- CS mount
- DC iris lens only
- DC12-15V/AC24V (VCC-6585P)
- AC220-230V (VCC-6580P)

VCC-6695P/6690P DAY/NIGHT

NEW

High-Resolution Colour/Mono Camera

- 1/3" CCD, 540Tvl Resolution
- Automatically switch to B/W (non-IR sensitive)
- Colour / DN setting selectable
- Minimum illumination 0.25lx (B/W, F1.2, Gain High) 0.35lx (colour)
- 2 mode Backlight Compensation
- 8 mode Electronic Shutter Speeds (VCC-6690P only)
- Electronic iris
- CS mount
- DC iris lens only
- DC12-15V/AC24V (VCC-6695P)
- AC220-230V (VCC-6690P)

VCC-4790P / 4795P DAY/NIGHT

High-Resolution Day/Night Camera

- 1/3" CCD, 540Tvl Resolution
- IR sensitive with mechanical IR Cut filter release
- Minimum illumination 0.01lx (B/W, F1.2, Gain High) 0.45lx (colour)
- 2 mode Backlight Compensation
- 7 mode Electronic Shutter Speeds
- Electronic iris
- CS mount
- DC iris lens only
- DC12-15V/AC24V (VCC-4795P)
- AC220-230V (VCC-4790P)

VCC-WD8575P WD DAY/NIGHT VAC 70

Wide Dynamic Range Day/Night Camera

- 1/3" CCD, 480Tvl Resolution
- Dual exposure wide dynamic mode (54dB)
- IR sensitive with mechanical IR Cut filter release
- Minimum illumination 0.025lx (B/W, F1.2, Gain High) 0.5lx (colour)
- 2 mode Backlight Compensation
- 7 mode Electronic Shutter Speeds
- Electronic iris
- 40x Sensitivity Boost
- 2.5x Digital Zoom upon Alarm in / Motion detection
- Alarm out upon Motion detection
- External Alarm terminal In (1) Out (1)
- 8 Privacy masking
- Remote Menu set-up by VAC-70
- CS mount
- DC/Video iris lens
- DC12-15V/AC24V

SANYO CCTV - Next Generation Technology

■ Vandal Resistant Dome Cameras

WD | **IP66** WEATHER RESISTANT

VDC-W1595VP

Vandal resistant Wide Dynamic Range Camera

- 1/3" CCD, 480Tvl Resolution
- IP66 rated
- Vandal resistant
- Dual exposure wide dynamic mode (54dB)
- 2.6mm to 6.0mm Auto Iris Varifocal lens
- Minimum illumination 1.0lx (F1.4)
- Wall and Ceiling mount
- DC12-15V/AC24V

OPTIONS
- VA-DK02 : In-ceiling bracket

DAY NIGHT | **IP66** WEATHER RESISTANT

VDC-D1585VP

Vandal resistant Day/Night Camera

- 51/3" CCD, 520Tvl Resolution
- IP66 rated
- Vandal resistant
- IR sensitive with mechanical IR Cut filter release
- 2.6mm to 6.0mm Auto Iris Varifocal lens
- Minimum illumination 0.05lx (B/W, F1.4) 1.0lx (colour)
- Backlight Compensation
- Wall and Ceiling mount
- DC12-15V/AC24V

OPTIONS
- VA-DK02 : In-ceiling bracket

R/G/B | **IP66** WEATHER RESISTANT

VDC-C1575VP

Vandal resistant Colour Camera

- 1/3" CCD, 520Tvl Resolution
- IP66 rated
- Vandal resistant
- 2.6mm to 6.0mm Auto Iris Varifocal lens
- Minimum illumination 1.0lx (F1.4)
- Backlight Compensation
- Wall and Ceiling mount
- DC12-15V/AC24V

OPTIONS
- VA-DK02 : In-ceiling bracket

■ Mini Dome Camera

VCC-9685VP **R/G/B**

High-Resolution Colour Mini Dome Camera

- 1/4" CCD, 540Tvl Resolution
- 2.8mm to 8mm Auto Iris Varifocal lens
- Minimum illumination 0.5lx (F0.95)
- 2 mode Backlight Compensation
- 4 mode Electronic Shutter Speeds
- Wall and Ceiling mount
- DC12-15V/AC24V

OPTIONS
- VA-10T : Twisted pair video board(NVT)
- VCZ-50 : Smoked dome cover
- VA-DK02 : Flash mount bracket
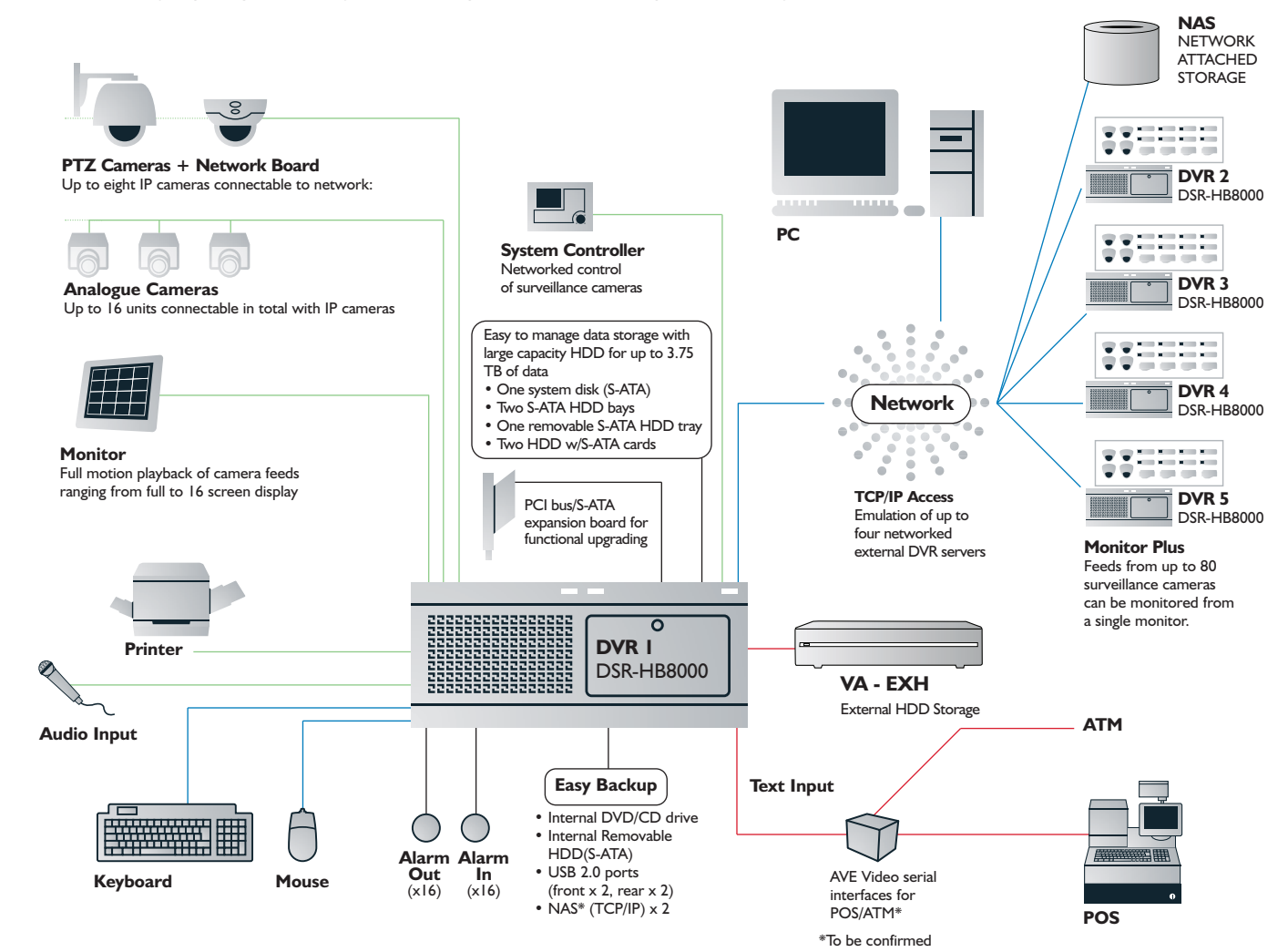
■ Dummy Cameras

VC-0410

Standard Camera with Dummy lens

VC-0450

Internal Mini Dome type dummy camera

Digital Hard Disk Recorders

Whether you require the highest digital quality, extensive capacity, ultimate flexibility or simply a reliable recording CCTV system, SANYO can provide the right solution.

DSR-HB8000

Hybrid Digital Video Recorder

- Monitor Plus enables monitoring of up to 80 cameras
- Camera coaxial telemetry control
- Hybrid specs for connection of up to 16 analogue and IP cameras (8 units max.)
- Expandable large capacity HDD for up to 3.75 TB (750GB x 5 bays) including removable drive
- Simultaneous recording and playback
- Live picture monitoring (400 IPS/16 ch)
- Real-time recording speeds for high picture quality: 400 IPS (360 x 288), 200 IPS (720 x 288), 100 IPS (720 x 576)
- Versatile full network capability

DSR HB8000 Centred Network System

Realize high-quality recording and delivery of streams from up to 16 analogue and IP camera in real-time

PTZ Cameras + Network Board
Up to eight IP cameras connectable to network:

Analogue Cameras
Up to 16 units connectable in total with IP cameras

Monitor
Full motion playback of camera feeds ranging from full to 16 screen display

Printer

Audio Input

Keyboard   **Mouse**

Alarm Out (x16)   **Alarm In** (x16)

System Controller
Networked control of surveillance cameras

Easy to manage data storage with large capacity HDD for up to 3.75 TB of data
- One system disk (S-ATA)
- Two S-ATA HDD bays
- One removable S-ATA HDD tray
- Two HDD w/S-ATA cards

PCI bus/S-ATA expansion board for functional upgrading

DVR 1 DSR-HB8000

Easy Backup
- Internal DVD/CD drive
- Internal Removable HDD(S-ATA)
- USB 2.0 ports (front x 2, rear x 2)
- NAS* (TCP/IP) x 2

PC

Network

TCP/IP Access
Emulation of up to four networked external DVR servers

VA - EXH
External HDD Storage

Text Input

AVE Video serial interfaces for POS/ATM*

*To be confirmed

NAS
NETWORK ATTACHED STORAGE

DVR 2 DSR-HB8000

DVR 3 DSR-HB8000

DVR 4 DSR-HB8000

DVR 5 DSR-HB8000

Monitor Plus
Feeds from up to 80 surveillance cameras can be monitored from a single monitor.

ATM

POS

Camera Coaxial Telemetry Control

The DSR-HB8000 allows the user to control PTZ and zoom cameras. The unit transmits H-SSP signals by overlaying them on to the video signal through a coaxial cable. This makes it possible to control cameras that support coaxial HSSP transmission without any additional device other video cable, and also from a SANYO controller or over a network. In addition, Pelco and BBV cameras can also be controlled if they support coaxial signal transmission.

Adoption of MPEG-4+ for high-quality moving pictures

The DSR-HB8000 employs a unique image compression format called MPEG-4+, which has been adapted for speedy, high-quality data transmission over a network and special fastforward and reverse playback. The conventional MPEG-4 format can of course also be selected to meet a broad range of needs, including long-term image recording, high-quality audio playback and secure transmission of control signals.

Full technical specification online at www.sanyosecurity.com

SANYO CCTV - Next Generation Technology

New digital security systems integrating analogue and IP cameras into a single system

The DSR-HB8000's hybrid design allow concurrent connection and control of both IP network and conventional analogue cameras. Up to four IP cameras such as network pan-focus PTZ cameras or the PTZ cameras with network board options can be connected for use with analogue cameras for a total of 16 surveillance cameras in all.

Up to 8 IP Cameras

IP Cameras

Up to 16 Analogue Cameras

Analogue Cameras

Via Ethernet

Via Video Cable

DSR-HB8000

DSR-5709PD/DSR-5716PD
9/16-Channel Hard Disk Recorder with CD/DVD Writer

- HDD recorder with 9 or 16 channel multiplexer
- Simultaneous recording and playback at 100 IPS
- Picture Resolution 720 x 288 (pixels)
- Live picture monitoring at 450 (50 x 9) IPS/800 (50 x 16) IPS
- Built-in H-SSP controller with camera telemetry control
- Network Capability
- JPEG2000 compression
- HDD capacity up to 1.5 TB
- VA-SW5000 DVR management software

DSR-5716P/DSR-5709P
9/16-Channel Hard Disk Recorder

- HDD recorder 9 or16 channel multiplexer
- Simultaneous recording and playback at 100 IPS
- Picture Resolution 720 x 288 (pixels)
- Live picture monitoring at 450 (50 x 9) IPS/800 (50 x 16) IPS
- Built-in H-SSP controller with camera telemetry control
- Network Capability
- JPEG2000 compression
- HDD capacity up to 1.5 TB
- VA-SW5000 DVR management software

These models feature the following:

- JPEG 2000 Compression Technology
- Network Capability: Live/Playback/Multichannel Download
- Telemetry Control and Preset upon Alarm recording
- Storage Capacity with External HDD Unit VA-EXH or RAID unit
- Special 'Region of Interest' feature (ROI) - Variable resolution within an image

VA-EXH

- External HDD Unit for DSR-57XX series
- Storage for up to 4 HDD's
- HDD Size up to 3Tb

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Expert digital security systems

DSR-2004
4-Channel Hard Disk Recorder

- MPEG 4 Compression
- Up to 100ips Recording rate
- Simultaneous Record and Playback
- Available with 160GB, 300GB, 500GB Hard Drives
- Camera telemetry (Front panel and Network operation) via RS485
- Motion detection
- Pre & Post Alarm recording
- 4ch Audio recording
- Time/Date, event and timeline search
- Full integration with LAN connection
- USB 2.0 port (Flash drive) for data download (JPEG & AVI)
- COAX and VGA monitor out (exclusive)
- IR remote control
- 4 Alarm input, 1 Alarm output
- Compact Size 350mm width

DSR-2016
16-Channel Hard Disk Recorder

- MPEG 4 Compression
- Up to 200ips Recording rate
- Simultaneous Record and Playback
- Available with 160GB, 300GB, 600GB, 800GB and 1000GB Hard Drives
- Camera telemetry (Front panel, Controller & Network operation) via RS485
- Motion detection
- Pre & Post Alarm recording
- 4ch Audio recording
- Time/Date, event and timeline search
- Full integration with LAN connection
- Built in CD writer & USB 2.0 port (Flash drive) for data download (JPEG & AVI)
- COAX and VGA Main monitor out (exclusive)
- COAX spot monitor out
- IR remote control
- 16 Alarm input, 4 Alarm output
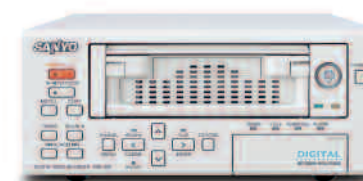
DSR-300P
Digital Hard Disk Recorder

- Single Channel Hard Disk Recorder
- Ideal VCR Replacement
- M-JPEG Compression
- 520Tvl Image Quality
- Available with 160Gb, 300Gb, and 500Gb Hard Drives
- Simultaneous Record and Playback
- Removable Hard Disc
- 5 Instant Search Functions
- Motion Detection
- Compact Flash for Menu Upload & Image Download

OPTIONS
- VZU-COM300 - Optional LAN Card
- RS232/RS485
- VA-DT300 - Removable tray
- VA-SW300 HDD Reading Software

DSR-M814PA
4-Channel Hard Disk Recorder

- MPEG 2 Compression
- Simultaneous Recording and Playback
- Compact Size 220mm width
- SERIES Recording
- 2 Audio Recording Channels
- Built in LAN, RS485 and USB Terminals
- 160Gb, 300Gb, 600Gb, 800Gb and 1000Gb
- Download via USB to CD-R or Compact Flash
- Video Motion Detection
- VA-SW8000 LITE Software

OPTIONS
- VA-SW8000 DVR Management Software

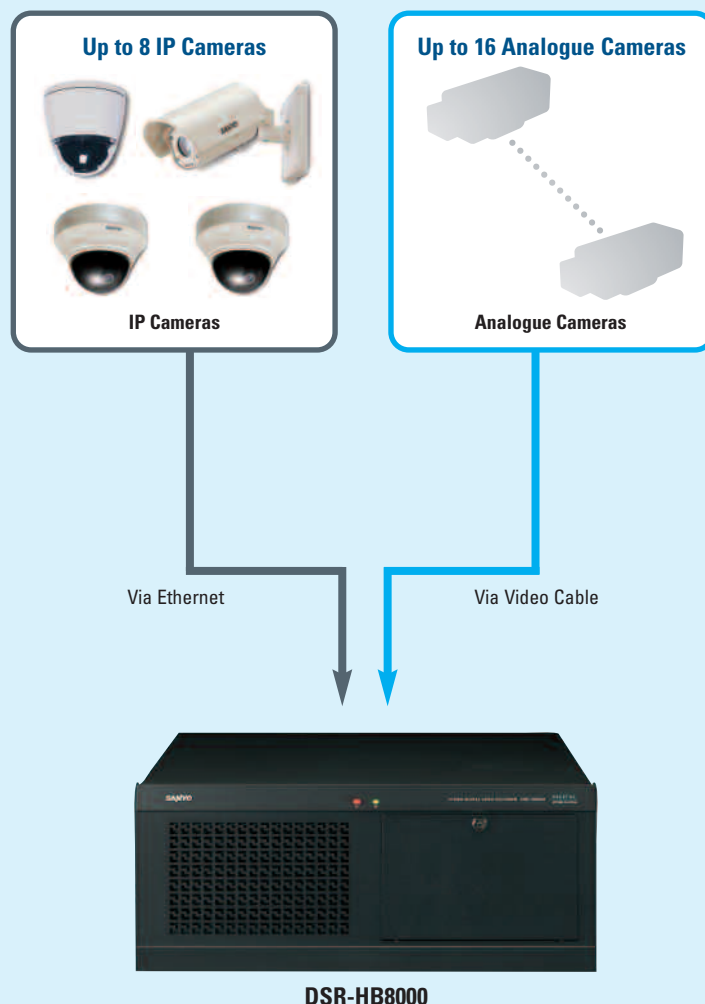## DSR-M810PA
Single Channel Hard Disk Recorder

- MPEG 2 Compression
- Simultaneous Record and Playback
- Compact Size 220mm Width
- SERIES Recording
- Audio Recording
- Built in LAN, RS485 and USB Terminals
- 160Gb, 300Gb, 600Gb, 800Gb and 1000Gb
- Download via USB to CD-R or Compact Flash
- VA-SW8000 LITE Software

OPTIONS
- VA-SW8000 DVR Management Software

Excellent controllers for an array of installations

■ VSP-9000 Touch-Screen Control Keyboard

The VSP-9000 keyboard allows the control of SANYO Digital Recorders and dome cameras through the implementation of the proprietor Marco Protocol. The Graphical User Interface (GUI) and control keys can be tailored to meet the needs of the individual end user, making it a very easy yet flexible solution. Additional pictures or maps can be imported on to the main screen to enable ease of identification and direction.

VSP-9000

Touch-Screen Control Keyboard

- Touch Screen Control Keyboard
- Telemetry Control
- Graphic Display 320x240 pixels
- Three axis Joystick
- Communication
  - RS485 Serial Communication towards DVR
    Two Independent RS485 Telemetry Lines
  - RS 232C/485 Serial Communication towards PC
    for Software Configuration
- Virtual Keyboard Touch Screen
- Possibility to customise start up screen
- Possibility to customise 26 maps and 40 virtual keys

System Controllers

VSP-8500

Control Keyboard

- Three axis joystick (Pan/Tilt/Zoom)
- Four line backlit LCD display
- Up to 256 units of RS485 equipment can be controlled.
  (up to 98units DVRs, 254units cameras (port A & B) and
  1unit Matrix switcher)
- 5 x VSP-8500 can be used in a RS485 system
- Communication, 1 x RS485 Video port, 2 x RS485
  Independent telemetry port

■ Single Camera Controller

VAC-70

The VAC-70 is a remote camera controller compatible with many SANYO cameras, and allows the user remote control for easy set-up

SANYO CCTV - Next Generation Technology

SANYO

VMC-L7720P

20" LCD video monitor

- 400Tvl Resolution
- 4:3 VGA LCD panel
- 500:1 contrast ratio
- 400cd/m2 brightness
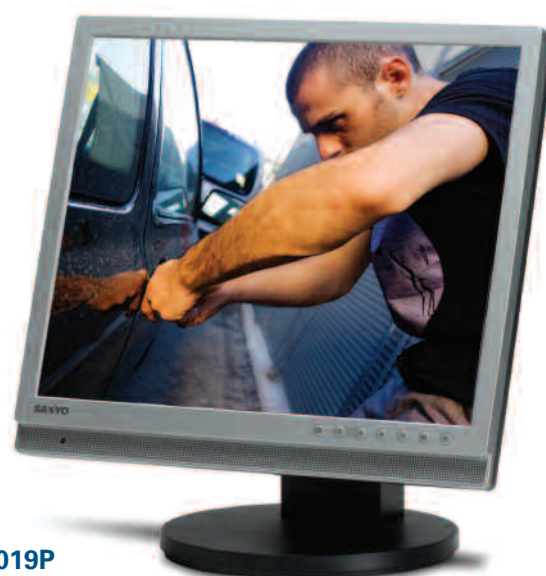- Viewing angle 160/130 deg(H/V)
- 1 composite BNC in/out

VMC-L7715P

15" LCD video monitor

- 400Tvl Resolution
- 4:3 XGA LCD panel
- 700:1 contrast ratio
- 250 cd/m2
- Viewing angle 140/130 deg(H/V)
- 1 composite BNC in/out

Monitors

A range of monitors including LCD and CRTs. Sizes vary from 15" to 20", providing high quality displays for any application.

■ Colour Metal Case Monitors

NEW

VMC-L2019P

19" LCD video & data monitor

- 500Tvl Resolution (Y/C input)
- 4:3 SXGA LCD panel
- 1000:1 contrast ratio
- 300 cd/m2 brightness
- Viewing angle 160 deg(H/V)
- Picture in Picture
- 2 composite BNC in/out
- 1 Y/C in/out
- 1 VGA input
- 2 Audio inputs (1W+1W stereo speaker)
- Height and Tilt adjustment

NEW

VMC-L2017P

17" LCD video & data monitor

- 500Tvl Resolution (Y/C input)
- 4:3 SXGA LCD panel
- 1000:1 contrast ratio
- 300 cd/m2 brightness
- Viewing angle 160 deg(H/V)
- Picture in Picture
- 2 composite BNC in/out
- 1 Y/C in/out
- 1 VGA input
- 2 Audio inputs (1W+1W stereo speaker)
- Height and Tilt adjustment

VMC-8619PA

19" High-Res Colour Video Monitor

- More than 800 TV Lines
- 3 Channels of Audio and Video (2 composite, 1 S-VIDEO) Input / Output Selectable from the Front Panel
- Images Signal Input / Output Terminal allows a Bridge Connection (75 ohms/ High Impedance Automatic Switching)
- Built-in Compact Speaker (1 watt)
- Automatic Voltage Selector, AC 100 V to 240 V
- Durable Metal Cabinet
- Overscan / Underscan Selectable from the Front Panel
- Multi-system Compatibility to detect PAL or NTSC Input Signals Automatically

VMC-8615FP

15" High-Res Colour Video Monitor

- More than 800 TV Lines
- 3 Channels of Audio and Video (2 composite, 1 S-VIDEO) Input / Output Selectable from the Front Panel
- Images Signal Input / Output Terminal allows a Bridge Connection (75 ohms/ High Impedance Automatic Switching)
- Built-in Compact Loudspeaker (1W)
- Automatic Voltage selector, AC 100 V to 240 V
- Durable Metal Cabinet
- Multi-system Compatibility to detect PAL or NTSC Input Signals Automatically
- Overscan / Underscan Selectable from Front Panel
- 2 Composite, 1 s-video, 2 Audio Inputs Selectable from Front Panel

The UK's first LCD Weatherproof Monitor can be used in a whole host of outdoor applications

SANYO's amazing new super slim 32" and 42" LCD Monitors are the UK's first weather-resistant TV displays.

SANYO has used all of its expertise in creating a lightweight aluminium framed LCD display which is protected by an acrylic front panel. This means that the SANYO Weatherproof panel can be used in a wide variety of exterior environments due to it being fully IP56 weather-resistant approved.

Connect the LCD to your CCTV system and you'll be able to display high quality images, perfect for a whole host of outdoor applications including car showroom forecourts, outdoor shopping centres, train and bus stations, concerts and festivals and bar and pub gardens.

SANYO's Weatherproof LCD is also ideal in a range of harsh environments where conditions are dusty, damp or humid! There are hundreds of industrial and commercial applications.

HD ready

32" & 42" OPTIONS AVAILABLE

IP56 WEATHER RESISTANT

Weatherproof LCD Specifications

- Operating Temperature 0° to 40°c
- High Resolution: WXGA (1366x768)
- Wide Viewing Angle (H:176° V:176°)
- High Brightness (550cd/m2)
- High Contrast Ratio: 1000:1
- Response Time: 8ms
- Fitted with TV Tuner
- SCART & PC Inputs
- And IP56 weather-resistant approved!
- Dimensions: 816 x 510 x 165mm
- Weight: 23.16kg
- And made by SANYO in the UK!

The robust, durable design means the Industrial LCD Monitor can be used in a host of rugged environments

SANYO's Industrial LCD is ideal in a range of harsh environments where conditions are dusty, tough and rugged.

The SANYO Industrial LCD makes the ideal display for commercial interior environments that need to be practical as well as stylish. The flexible design, stunning picture quality and choice of viewing options makes the Industrial panel excellent for displaying CCTV images.

With its cutting-edge design and a host of great features the SANYO Industrial LCD makes the ideal display for interior public environments that need to be practical as well as stylish. The flexible design, stunning picture quality and choice of viewing options and uses makes the SANYO Industrial panel unrivalled in the world of modern flatscreen LCD.

The Industrial LCD can also be supplied with this robust wall-mounted security bracket

HD ready

32" & 42" OPTIONS AVAILABLE

Industrial LCD Specifications

- Operating Temperature 0° to 40°c
- High Resolution: WXGA (1366x768)
- Wide Viewing Angle (H:176° V:176°)
- High Brightness (550cd/m2)
- High Contrast Ratio: 1000:1
- Response Time: 8ms
- Fitted with TV Tuner
- SCART & PC Inputs
- Dimensions: 816 x 510 x 165mm
- Weight: 23.16kg
- And made by SANYO in the UK!

Think GAIA
For Life and the Earth

SANYO

Other great SANYO products on the market

Throughout all of SANYO's activities worldwide, there are common strands - environmental awareness innovative technologies - user friendly procedures - and underlying all of these is the basic philosophy of a company who believes in the twin tenets of enhancing human lives and using technological advances to create a better world. These are just some of our latest products which represent these core values.

HD Ready LCD Televisions

SANYO now has it's widest ever range of LCD TV's. This 47" model is our largest TV to date. Features include a full 1080p picture resolution, a high contrast ratio of 1000:1 and an ultra wide viewing angle of 178 degrees. With an in-built digital tuner, this TV is set to meet the demands of the consumer looking to invest in a large screen, state of the art HD ready television.

Evolutionary Eneloop Batteries

Eneloop is a combination of a rechargeable and a disposable battery, the next evolutionary step for batteries into the 21st century. The key-advantage of the eneloop compared to usual rechargeable batteries is its extremely low self-discharge. Once charged, eneloop keeps its charge even if you store it for 6 or 12 months. For a rechargeable battery this is a revolutionary advantage. No more worries about the state of charge of your battery. Just, charge them and keep them.

Education Projectors

SANYO have developed one of the first projectors specifically for the education market - with the emphasis clearly placed on security. The SANYO SafeGuard Projector has been designed with the needs of schools, colleges and universities in mind. With a host of anti-theft features, the SafeGuard is fully protected from increasing levels of theft and comes fully approved by the Crime and Loss Prevention Board.

Xacti Waterproof Camera

Introducing to you the world's first fully waterproof digital movie camera. Perfectly at home whether used above or below water, in fact it's the only camcorder you will ever need. Fully submersible to 1.5 metres it's the perfect travel companion, take it to the sea, the pool, skiing or a sandy beach. Record a movie for up to 1 hour or take high quality 6 MegaPixel stills, with H.264 compression technology in-built you can capture even more movie footage on a single memory card.

High Definition Movies

The Xacti HD2 takes digital movie making to the next level. Ultra compact and packed with features the HD2 is capable of capturing High Definition movies and 7 MegaPixel still images - all in a compact unit that is small enough to fit in your top pocket!